

# **DMSMS & GIDEP: A Customer Service Opportunity**

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# A Customer Service Opportunity

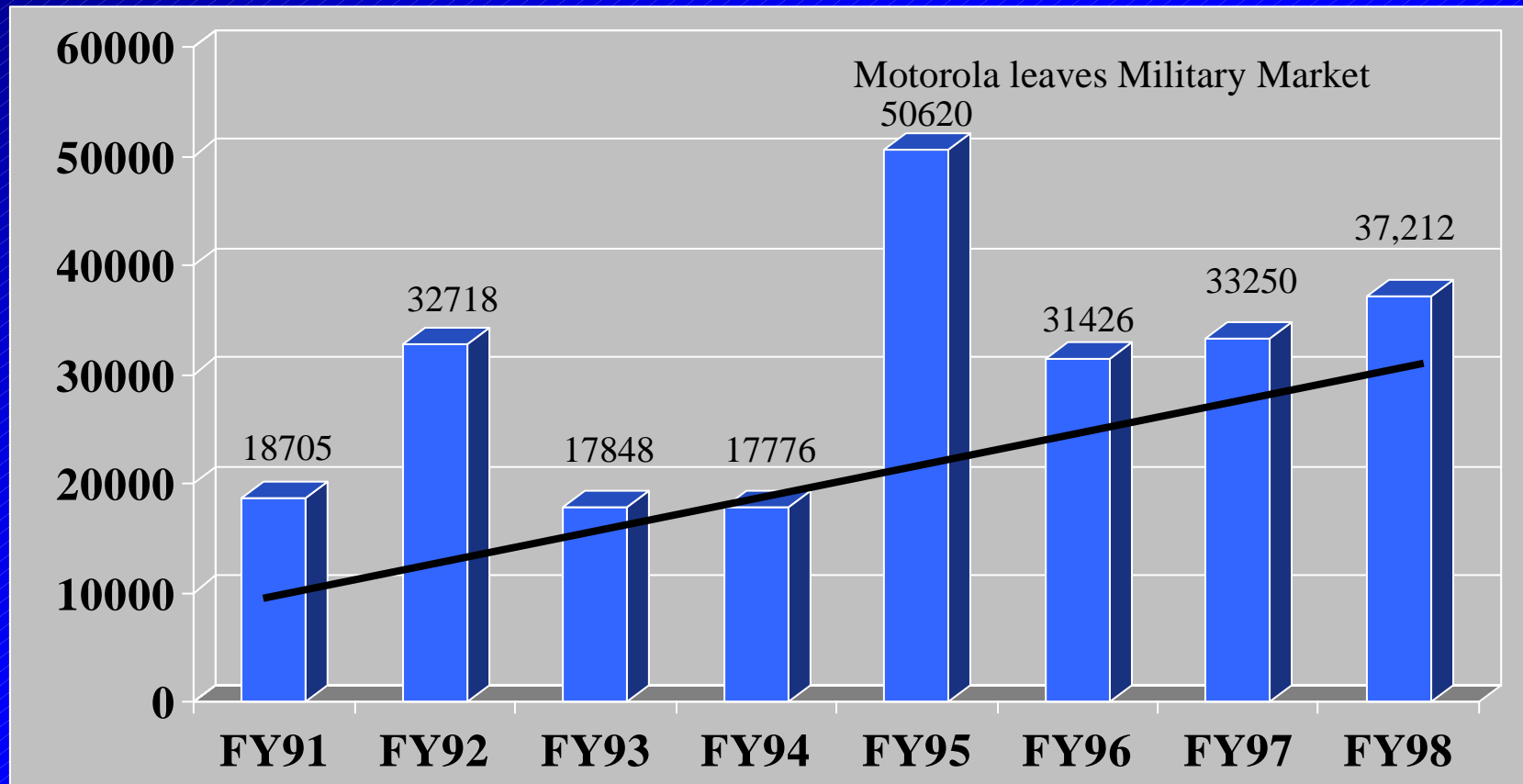
*Making use of a free  
Information Technology (IT) tool NOW !*

# DMSMS (a.k.a. - DMS or DMR)

- **Occurs** when a manufacturer decides to discontinue a product or product line
- Has **profound effect** on aerospace, commercial aircraft, telecommunication, industrial and DoD applications
- Impact of **rapid changes** in technology on the U.S. military
- **Commercial** vs. defense product life cycle

# THE PROBLEM:

## OBSOLETE PARTS SUBMITTAL



# AF weapon systems are affected by DMS

**Red** means that there are currently no Qualified sources for the parts. This does not mean that a replacement is unavailable, but that none are qualified at this time.

## Percentage of Parts on Various Platforms that are Red

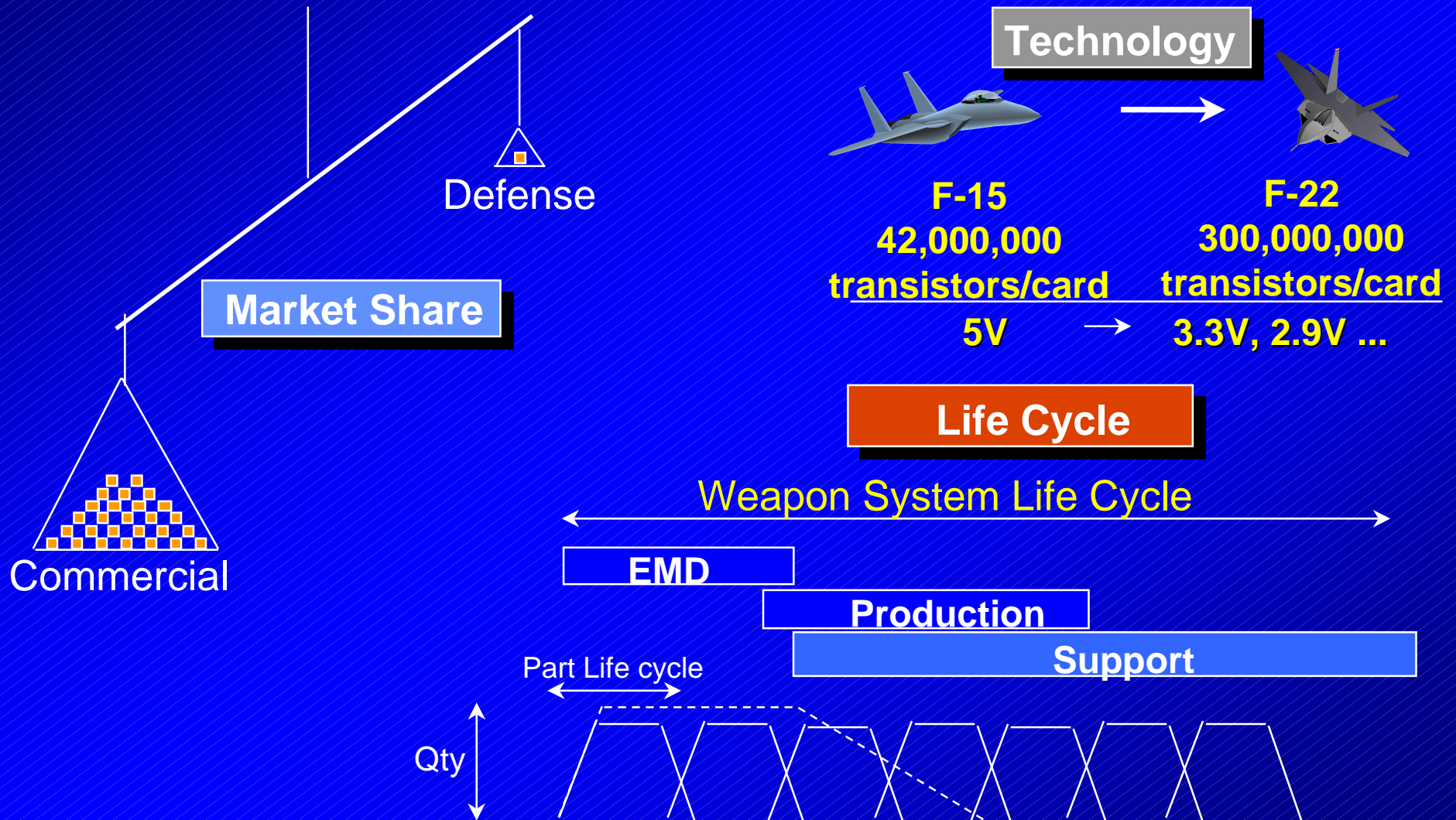
IC+Hybrid Only Counts										
Total Part Count for Platform					Unique Part Count for Platform					
	Not Red	Red	% Red	Total Parts		Not Red	Unique Red	% Red	Unique Parts	
F-15A	14044	3807	21	17851	F-15A	2161	751	26	2912	
F-15B	14044	3807	21	17851	F-15B	1293	577	31	1870	
F-15C	16890	4849	22	21739	F-15C	1682	778	32	2460	
F-15D-63	16990	4878	22	21868	F-15D-63	1686	784	32	2470	
F-15D-70	14579	4156	22	18735	F-15D-70	1813	833	31	2646	
F-15E	17703	4034	19	21737	F-15E	2034	830	29	2864	
LY-Avionics	17076	2840	14	19916	LY-Avionics	1899	381	17	2280	
AC-130U	5784	1431	20	7215	AC-130U	1043	312	23	1355	
AWACS	58374	27831	32	86205	AWACS	600	695	54	1295	
JSTARS	18926	3689	16	22615	JSTARS	1451	401	22	1852	
					F-16	375	96	20	471	

## All Part Number Types Counts

Total Part Count for Platform					Unique Part Count for Platform					
	Not Red	Red	% Red	Total Parts		Not Red	Unique Red	% Red	Unique Parts	
F-15A	23574	5501	19	29075	F-15A	2161	751	26	2912	
F-15B	23574	5501	19	29075	F-15B	2161	751	26	2912	
F-15C	28031	6545	19	34576	F-15C	2593	967	27	3560	
F-15D-63	28296	6628	19	34924	F-15D-63	2609	973	27	3582	
F-15D-70	25700	5846	19	31546	F-15D-70	2776	1018	27	3794	
F-15E	29617	5476	16	35093	F-15E	3102	987	24	4089	
LY-Avionics	31007	4162	12	35169	LY-Avionics	2860	559	16	3419	
AC-130U	9613	1569	14	11182	AC-130U	1528	349	19	1877	
AWACS	85446	29556	26	115002	AWACS	982	715	42	1697	
JSTARS	29764	3877	12	33641	JSTARS	2108	433	17	2541	
					F-16	538	101	16	639	

In many cases a direct replacement can be found and qualification of the part is all that's required. In many other cases, redesign may be the only solution.

# Diminishing Manufacturing Resources a.k.a. Out of Production Parts (OPP)



General Mike Mushala, ASC/YF (F-22 DMS Brief)



# DMS Example:

## F-22 Recurring Savings

- **Several F-22 DMS projects offer significant savings**
  - Estimate \$1.3B of production recurring savings
  - 50% of F-22 DMS projects offer savings vs. cost avoidance
- **F-22 DMS Programs with major recurring savings**
  - CIP 2000/2005 Savings \$ 604 M
    - LRM's reduced from 46 to 30
  - CNI Digital Roadmap Savings \$ 174 M
    - LRM's reduced from 16 to 9
  - Low cost Fiber Optics Trns/Rcvr Savings \$ 154 M
    - Commercial Laser replaces LED
  - PICC 1750 Redesign Savings \$ 142 M
    - Reduces ASICs and LRMs

General Mike Mushala, ASC/YF (F-22 DMS Brief)

# The DMSMS Distribution Point

## - GIDEP -

*DoD's center for the acquisition,  
management and dissemination of  
DMSMS information.*

*Manufacturers*

*Distributors*

*Engineering  
Facilities*

*GIDEP  
Participants*



24-48 hour  
turnaround

*GIDEP  
Participants*

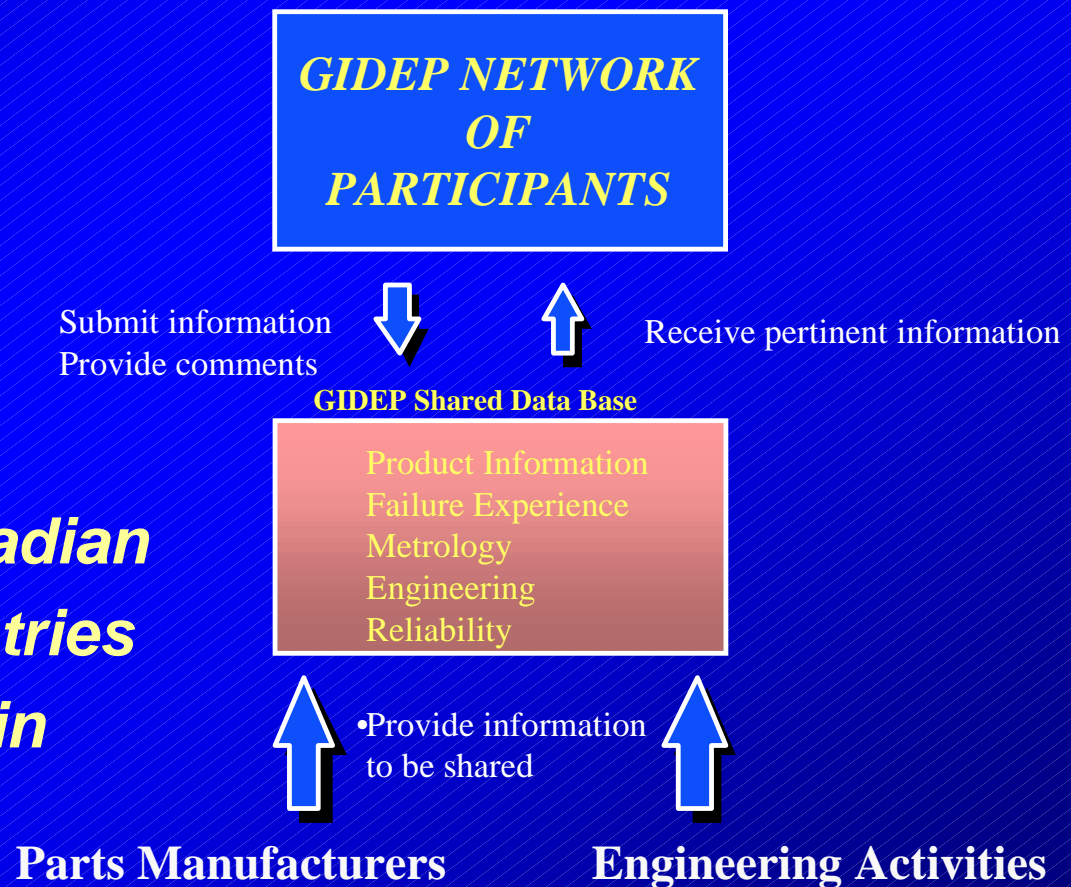


# What is GIDEP?

*A Partnership Between Government & Industry  
Teamed to Share Technically Valid, Fact-Based  
Information.*

*Information is Shared  
Through an Active  
Network of People and  
an On-line Data Base.*

*United States and Canadian  
Government and Industries  
Allowed to Participate in  
GIDEP.*



# A DMS Tool - “*Batch Match*”

- *Free service* providing *GLDEP* participants (Monitors, QAR, Contractors) with the latest *DMSMS* info., specific to a customers need.
- *Routine paperless reports by email, tailored to customers parts list.*

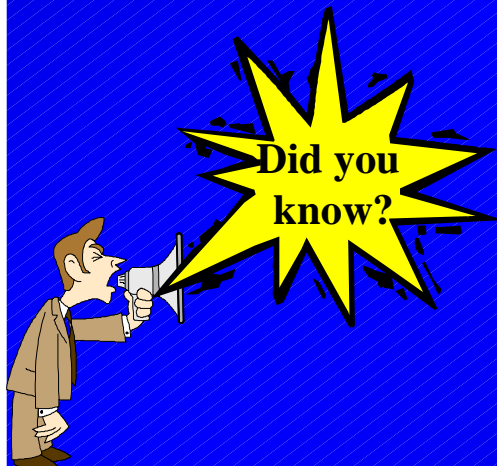
## FA-18 Matches

- 105k parts
- 869k hits

This months “Batch Match” just informed me that one of my key electronics suppliers will stop producing a my DSP CPU’s in 13 months! Thanks for the advance notice. I’ll use the UDR to start searching for alternate sources !

## Overall Usage

- 750k parts
- 22k hits



DSP Item Manager



# Customer Service Opportunity

- **Currently the DLA utilization of the new Information Technology (IT) “Batch Match” service is zero.**
- **Become proactive with the DMS problem.**
  - Make extensive use of this IT “Batch-Match” service providing Customers (Item Managers) with DMSMS, FED (Alerts...), & UDR information, specific to customer item/parts lists of interest.
  - While DLA makes extensive use of the UDR tool, this is in a **reactive, not proactive, mode!**

# Urgent Data Request

- Free service to allow GIDEP participants to query information from GIDEP community.
- Used often to locate surplus parts that have been discontinued.





# UDR Example:

## Benefit to DLA Customer

### *Readiness and logistics impact*

#### **PROBLEM**

DCMC Dayton's contractor needed 50 lb. of obsolete magnetic material for the Galaxy C-5 TF-39 Tachometer Rotors.

#### **SITUATION**

Only known supplier, Carpenter Technology Corporation, required \$14,000 minimum order for 1800 lb. and 26 weeks lead time.

#### **ACTION**

DCMC submitted GIDEP UDR

#### **RESULT**

- Found two additional sources of this material willing to sell in small quantities.
- Found source with 88 excessed TF-39 Tachometer Rotors for sale (new & unused) \$750 each.
- Buying activity purchased the excess parts at a significant savings in both cost and time.
- <sup>12/14/99</sup> **AF customer benefit - saved grounding of C5 aircraft. (\$49K+ and 26 weeks)XR3**